

# EXHIBIT 18



Deposition of:

**J. Alex Halderman , Ph.D.**

*February 25, 2020*

In the Matter of:

**Fair Fight Action, Inc., Et Al. Vs.  
Raffensperger, Brad, Et Al.**

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1 Q. And I should have asked. Beyond the Dominion  
2 subpoena documents, did Plaintiffs' Counsel provide  
3 you any other data or documents that you relied on?

4 A. Nothing beyond what's in the docket.

5 Q. And did Plaintiffs' Counsel ask you to make any  
6 assumptions about facts in this case for your report?

7 A. No, they didn't.

8 Q. Have you read the amended complaint in this case?

9 A. Yes, I have.

10 Q. Have you read any of the depositions that were taken  
11 in this case?

12 A. I don't believe so.

13 Q. You indicated some docket information. Have you read  
14 any of the briefs that were filed in this case?

15 A. I have -- I've skimmed through the docket, and I've  
16 read some of the materials. I'm not sure I've read  
17 any of the briefs in full.

18 Q. I'm not asking for your legal opinion here. But in  
19 your own words, do you have a description of what you  
20 believe this case is about?

21 A. So this case is broadly about whether election  
22 practices in the state of Georgia have violated the  
23 rights of Georgia voters or had discriminatory  
24 effects.

25 Q. And for your report and your work in this case,

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1           you're not alleging any racial component to any of  
2           the problems that you've identified in your report,  
3           correct?

4       A. Well, the problems that I have discussed in my report  
5           certainly could have a racial effect, especially if  
6           an attacker seeking to so discord or alter the  
7           outcome of an election targeted specific candidates  
8           or racial groups for that effect.

9       Q. For purposes of this report, though, you have not  
10           examined any racial impacts that -- you can speculate  
11           about there might be one. But for purposes of your  
12           report here, you're not alleging there are any racial  
13           impacts, correct?

14      A. I haven't gone back to examine racial data.

15      Q. Okay.

16      A. But certainly one of the risks, the problems that I  
17           identify in this report could have is racially  
18           disparate impacts.

19      Q. And the opinions that you've authored in this report  
20           in Exhibit 2 do not address the potential racial  
21           impact, correct? You're not analyzing -- let me  
22           start over again.

23                                  The opinions you're expressing in Exhibit 2  
24                                  are not an analysis of any racial effect of  
25                                  particular methods of attack. Is that a fair

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1 statement?

2 A. Well, they raise the possibility that -- and describe  
3 methods by which an attack could occur that I think  
4 it's clear could have a racial impact. Do I analyze  
5 exactly what that impact would be? I think that  
6 depends on what the attacker is hoping to achieve.

7 Q. Maybe I can put a finer point on this. In the  
8 opinions you're expressing in your report, you're not  
9 alleging that Georgia has selected particular voting  
10 machines or voting practices to have a racially  
11 disparate impact, are you?

12 A. I'm not alleging intention.

13 Q. And you're not expressing any opinion about  
14 intention; is that correct?

15 A. No, I don't go to intention.

16 Q. As part of your work on your report, have you spoken  
17 to anyone in Georgia to obtain any information that  
18 you later used in your report beyond Plaintiffs'  
19 Counsel?

20 A. I have had past conversations with people in Georgia  
21 that have informed my -- that have informed my  
22 overall knowledge about Georgia election systems.

23 Q. And who would those individuals be?

24 A. I've spoken to Dr. Richard DeMillo at Georgia Tech  
25 and Dr. Wenke Lee at Georgia Tech. That's just two

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1 replaced.

2 Q. Which components of the system are not being  
3 replaced?

4 A. The eNet system, the general network infrastructure  
5 and computing infrastructure at the Secretary of  
6 State, other infrastructure at the county level that  
7 is used by election administrators.

8 Q. So if history needs to move on and the election has  
9 been decided, why not just do forensic analyses of  
10 eNet, the network infrastructure of the Secretary of  
11 State, the network infrastructure of county offices?

12 A. That's going to be a less reliable way and much more  
13 complicated way of trying to answer some of the  
14 similar questions.

15 Q. And you referenced the design of Georgia's election  
16 system. You're not testifying that anyone  
17 intentionally designed a system that would be  
18 vulnerable to hacking, are you?

19 A. Intentionally designed, no. Negligently maintained?  
20 In my opinion, yes.

21 MR. TYSON: Off the record for just a  
22 minute.

23 (Recess taken.)

24 MR. TYSON: All right. Back on.